

# Notice of Allowability

Application No.

09/844,970

Examiner

Merilyn P. Nguyen

Applicant(s)

SAVOIE ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Interview with Mr. Thomas E. Sisson on February 15-16, 2007.
2. ☒ The allowed claim(s) is/are 3,7,13,14 and 16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

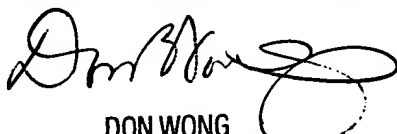
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
DON WONG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100



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***ETAILED ACTION***

1. In response to the communication dated 12/01/2005 and the Interview dated 02/15-16/2007, claims 3, 7, 13, 14 and 16 are active in this application as a result of the cancellation of claims 1-2, 4-6, 8-11, and 17-24 and in condition for allowance.

***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Thomas E. Sisson, Reg. No. 29,348 on 02/15/2007 and 02/16/2007.

***The application has been amended as follows:***

1. (Canceled)
2. (Canceled)
3. (Currently amended) A method for creating a computer file readable by a pagination program for generating an output, comprising:
  - accessing a computer database;
  - identifying a record stored in said computer database;
  - adding a field directive to said record, wherein said field directive contains an instruction to said pagination program directing how said pagination program will format said output;



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retrieving said record from said computer database;

adding computer code to said record to create said computer file, wherein said computer code makes said computer file readable by said pagination program;

transferring said computer file to said pagination program where said output can be generated;

identifying a first recipient of said output;

obtaining said first recipient's address information;

determining a number of orders made by said first recipient;

determining a monetary value of orders made by said first recipient;

determining a recency of orders made by said first recipient;

storing said number of orders;

storing said monetary value of orders;

storing said recency of orders;

calculating a first set of statistics regarding said number of orders, monetary value of orders, and recency of orders; [[and]]

determining whether to transfer said output to said first recipient based upon said first set of statistics[.];

identifying a second recipient of said output;

obtaining said second recipient's address information;

determining a number of orders made by said second recipient;

determining a monetary value of orders made by said second recipient;

determining a recency of orders made by said second recipient;



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storing said number of orders made by said second recipient;  
storing said monetary value of orders made by said second recipient;  
storing said recency of orders made by said second recipient; and  
calculating a second set of statistics regarding said second recipient's number of orders,  
said second recipient's monetary value of orders, and said second recipient's recency of orders;  
ranking said first recipient versus said second recipient based upon said first and second  
sets of statistics; and  
transferring said output to the higher ranked as between said first recipient and said  
second recipient.

4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Currently amended) A computer readable medium having stored thereon a program having control logic stored therein, said control logic, when executed, enabling a computer to generate a computer file containing a record received from a computer database, add a field directive to said computer file, and convert said computer file to be compatible with a pagination program to develop an output, said control logic comprising:

accessing means for enabling said computer to access said record from said computer database;

coding means for identifying said record contained in said computer database;



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coding means for adding at least one field directive to said record, wherein said field directive provides an instruction to said pagination program [[to said pagination program]] directing how said pagination program will format said output;

coding means for converting said record into a computer file readable by said pagination program;

coding means for transferring said computer file to said pagination program;

coding means to identify a first recipient of said output;

coding means to obtain said first recipient's address information;

coding means to determine a number of orders made by said first recipient;

coding means to determine a monetary value of orders made by said first recipient;

coding means to determine a recency of orders made by said first recipient;

coding means to store said number of orders;

coding means to store said monetary value of orders;

coding means to store said recency of orders;

coding means to calculate a first set of statistics regarding said number of orders, monetary value of orders, and recency of orders; [[and]]

coding means to determine whether to transfer said output to said first recipient based upon said statistics[.];

coding means to identify a second recipient of said output;

coding means to obtain said second recipient's address information;

coding means to determine a number of orders made by said second recipient;

coding means to determine a monetary value of orders made by said second recipient;



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coding means to determine a recency of orders made by said second recipient;

coding means to store said number of orders made by said second recipient;

coding means to store said monetary value of orders made by said second recipient;

coding means to store said recency of orders made by said second recipient; and

coding means to calculate a second set of statistics regarding said second recipient's number of orders, said second recipient's monetary value of orders, and said second recipient's recency of orders;

coding means to rank said first recipient versus said second recipient based upon said first and second sets of statistics; and

coding means to transfer said output to the higher ranked as between said first recipient and said second recipient.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Currently amended) A method of converting a record of a first product stored in a computer database into a computer file readable by a pagination program, comprising:

controlling a computer system to create a file template;

controlling said computer [[program]] system to select said record of said first product from among multiple product records stored in said computer database;



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using said file template to add a field directive to said record of said first product, said field directive containing instructions used by said pagination program for formatting an output;

adding computer code to said record of said first product in order to create a computer file that is readable by said pagination program;

transferring said computer file to said pagination program;

said file template further comprising:

a first field directive containing Aframe information, wherein said Aframe information comprises a computer file name of an image stored in said database and associated with said first product, a computer path to said image, and an Aframe identification code;

a second field directive containing table information, wherein said table has instruction used by said pagination program to set the number of columns of said output, the widths of each of said columns, the contents of a header of each of said columns, the contents of a row, a subheading title, closing tags for said table, and a table identification code; and

a third field directive containing text flow information, wherein said text flow information comprises said first product's manufacturer, said first product's group, said first product's subheading, said first product's sales point, said first product's features, said first product's Aframe identification code, and said first product's table identification code.

14. (Original) The method of Claim 13, further comprising:



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adding said first field directive, said second field directive, and said third field directive to each of a group of records of at least 20 products stored in said computer database and converting said group of records into a computer file readable by said pagination program.

15. (Canceled)

16. (Currently amended) A computer-readable medium having stored thereon [[containing]] instructions for controlling a computer system for adding field directives to a record of a product stored in a computer database readable by a pagination program, [[by]] comprising:

controlling said computer system to create a file template, wherein said file template contains:

a first field directive containing Aframe information, wherein said Aframe information comprises a file name of an associated image stored in said database, a path to said associated image, and an Aframe identification code;

a second field directive containing table information, wherein said table information comprises a number of columns of said output, widths of each of said columns, contents of a header of each of said columns, contents of a row, a subheading title, closing tags for said table, and a table identification code; and

a third field directive containing text flow information, wherein said text flow information comprises said product's manufacturer, said product's group, said product's subheading, said product's sales point, said product's features, said product's Aframe identification code, and said product's table identification code;



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controlling said computer [[program]] system to select said record;

using said file template to add said first field directive, said second field directive, and said third field directive to said record;

controlling said computer system to select said record contained in said computer database to be converted;

adding computer code to said record[[s]] in order that said computer file [[will]] is readable by said pagination program; and

transferring said computer file to said pagination program.

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

***Reason for Allowance***

3. The following is an examiner's statement of reason for allowance:

None of the references of record Mezei (US Patent No. 6,070,175), and Sutcliffe (US Patent No. 6,253,216) teaches or suggests the claimed (Claims 3 and 7) invention having, in addition to the other limitations in the claims, the limitations of "calculating a first set of



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statistics regarding said number of orders, monetary value of orders, and recency of orders; and determining whether to transfer said output to said first recipient based upon said first set of statistics” combined with “calculating a second set of statistics regarding said second recipient's number of orders, said second recipient's monetary value of orders, and said second recipient's recency of orders; ranking said first recipient versus said second recipient based upon said first and second sets of statistics; and transferring said output to the higher ranked as between said first recipient and said second recipient.”

None of the references of record Mezei (US Patent No. 6,070,175) and Sutcliffe (US Patent No. 6,253,216) teaches or suggests the claimed (Claim 13) invention having, in addition to the other limitations in the claim, the limitation of creating a file template, wherein said file template comprising:

“a first field directive containing Aframe information, wherein said Aframe information comprises a computer file name of an image stored in said database and associated with said first product, a computer path to said image, and an Aframe identification code;

a second field directive containing table information, wherein said table has instruction used by said pagination program to set the number of columns of said output, the widths of each of said columns, the contents of a header of each of said columns, the contents of a row, a subheading title, closing tags for said table, and a table identification code; and

a third field directive containing text flow information, wherein said text flow information comprises said first product's manufacturer, said first product's group, said first



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product's subheading, said first product's sales point, said first product's features, said first product's Aframe identification code, and said first product's table identification code.”

None of the references of record Mezei (US Patent No. 6,070,175) and Sutcliffe (US Patent No. 6,253,216) teaches or suggests the claimed (Claim 16) invention having, in addition to the other limitations in the claim, the limitation of “create a file template, wherein said file template contains:

a first field directive containing Aframe information, wherein said Aframe information comprises a file name of an associated image stored in said database, a path to said associated image, and an Aframe identification code;

a second field directive containing table information, wherein said table information comprises a number of columns of said output, widths of each of said columns, contents of a header of each of said columns, contents of a row, a subheading title, closing tags for said table, and a table identification code; and

a third field directive containing text flow information, wherein said text flow information comprises said product's manufacturer, said product's group, said product's subheading, said product's sales point, said product's features, said product's Aframe identification code, and said product's table identification code”.

Dependent claims 14 is allowable because they depend from claims 13.



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4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### *Conclusion*

5. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) day from the day of this letter. Failure to respond within the period for response will cause the application to become abandoned (see M.P.E.P 710.02(b)).

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hill U.S Patent No. 6,618,833 discloses maintenance of system model.

Jackson U.S Patent No. 5,960,444 discloses software tool for indexing document made from plurality of smaller documents created using different versions of word processing software.

Pettus U.S Patent No. 6,360,266 discloses object-oriented distributed communications directory system.

Chirokas U.S Patent No. 5,111,397 discloses managing lengthy footnotes in a work processing document.

Warmus U.S Patent No. 6,205,452 discloses method of reproducing variable graphics in a variable imaging system.



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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Merilyn P Nguyen whose telephone number is 571-272-4026.

The examiner can normally be reached on M-F: 8:30 - 5:00.

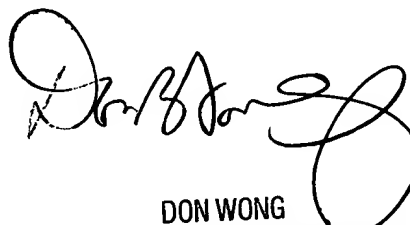
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

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February 16, 2007



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